



Receiver unit (2-8MHz) with integrated elbug keyer.

Pluto
Country of origin:
Czechoslovakia



Transmitter unit (3-12MHz) with mains power supply.

DATA SUMMARY

Organisation: ŠTB - Štátna bezpečnosť (Secret State Police) and Správa 1 - rozviedka (Government, Department 1, espionage).

Design/Manufacturer: Správa 6 - spojovacia technika 1 (Government, Department 6, communication technics).

Year of Introduction: Late 1950s/early 1960s.

Purpose: Agents.

Receiver:

Frequency coverage: 2-8MHz (3-12MHz version likely)

Transmitter:

Frequency coverage: 3-12MHz (2-8MHz version noted)

Valves: Types not known.

Power Supply: 120 or 220V AC mains.

Size (cm): Height 4.4, Length 10, Width 19. (An estimate)

REMARKS

'Pluto' was a miniature agents transmitter-receiver, believed to be developed in the late 1950s or early 1960s as project number TI-462A by Správa 6 - spojovacia technika 1. The set consisted of three units with similar shape and dimensions: transmitter unit with built-in mains power supply, receiver unit with integrated elbug keyer, and accessories box with crystals, earpiece, spare parts and an extra foldable Morse key. The frequency coverage of the units that survived, shown in this chapter, differed but it can safely be assumed that two versions were produced, only differing in frequency range.



Different version of transmitter unit operating from 2 to 8MHz. This apparently later version had a socket (see bottom marked 'crystal') for type HC-4U and FT-243 crystals. The crystals used in the earlier version were round and similar to those used in the Neptun shown in Chapter 10 of this Supplement.



Accessories and spare parts box for the Pluto station. Note the extra Morse key with collapsible lever.

References:

- Photographs courtesy Detlev Vreisleben, Germany.
- Photo of later transmitter version Alois Veselý, Czech Republic.